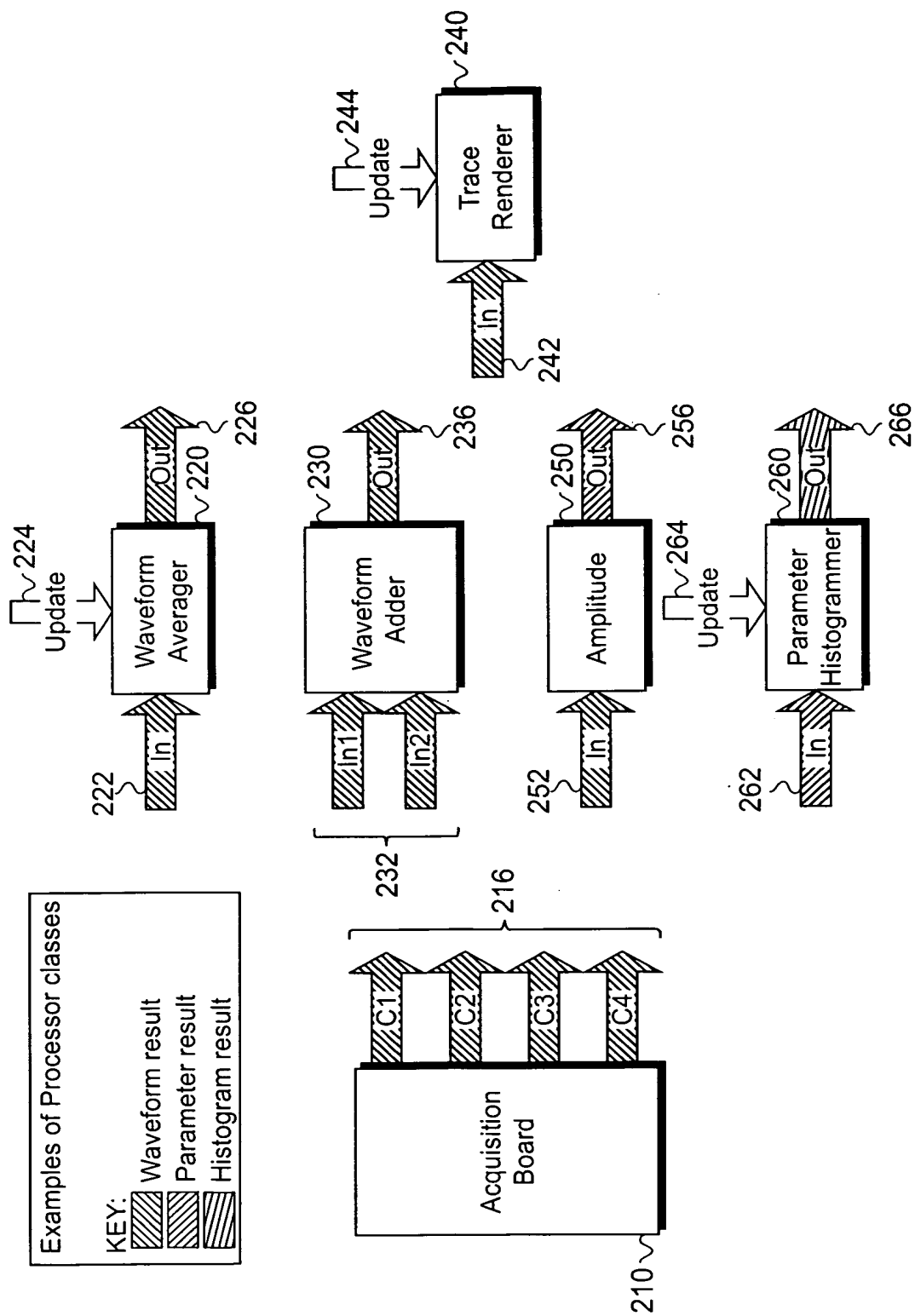


FIG. 1



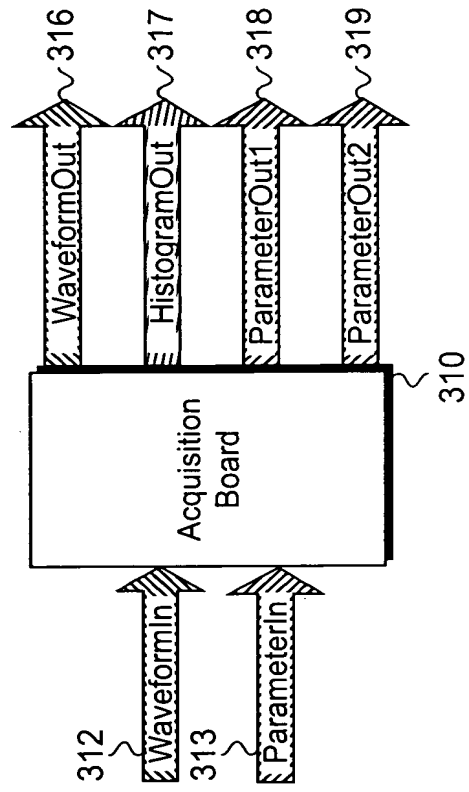


FIG. 3

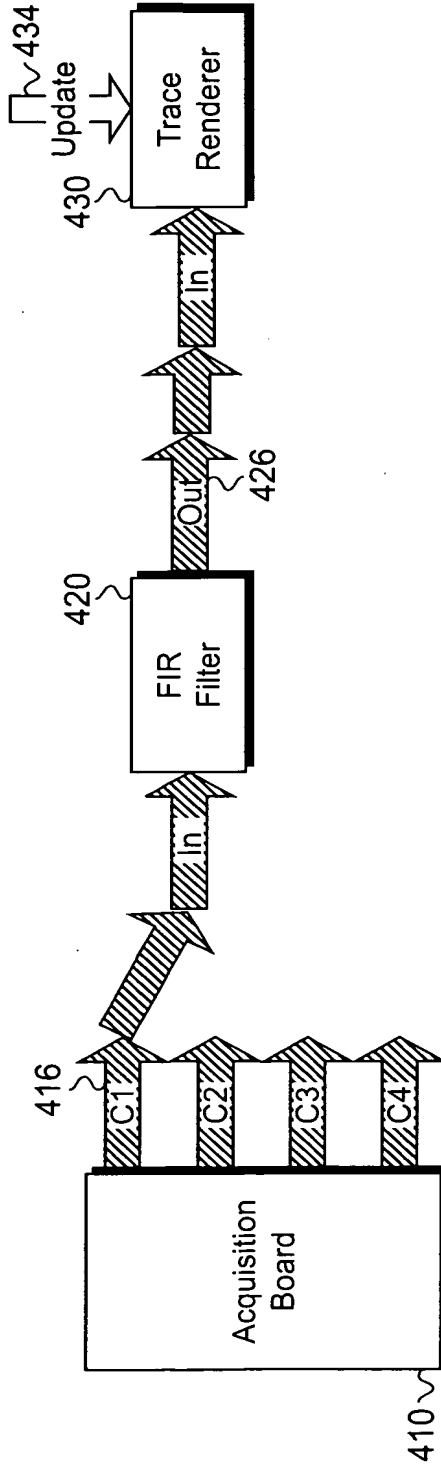


FIG. 4

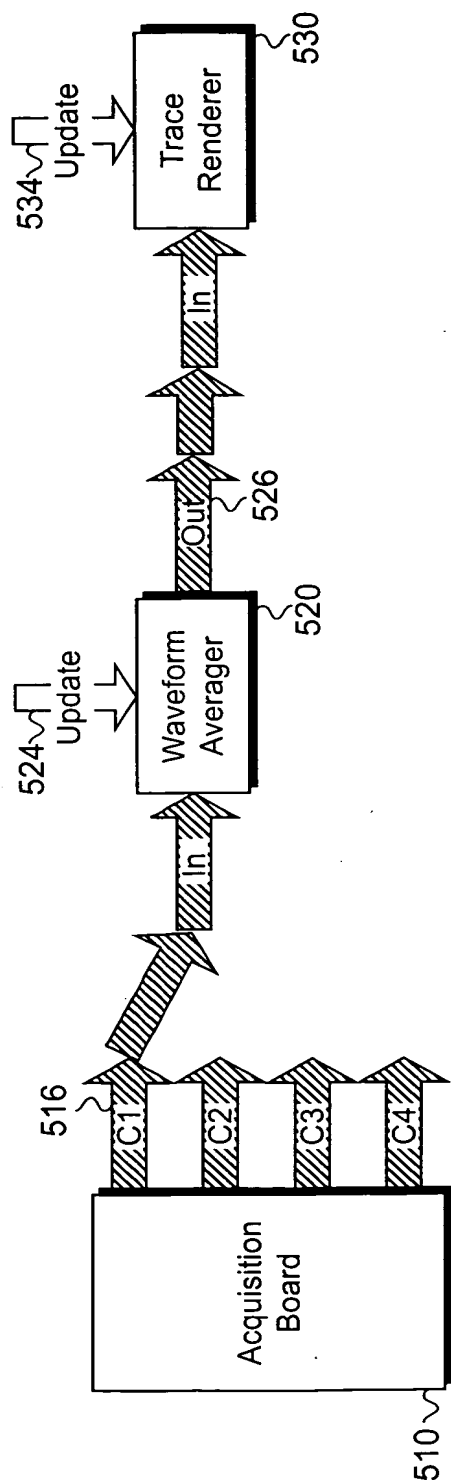


FIG. 5

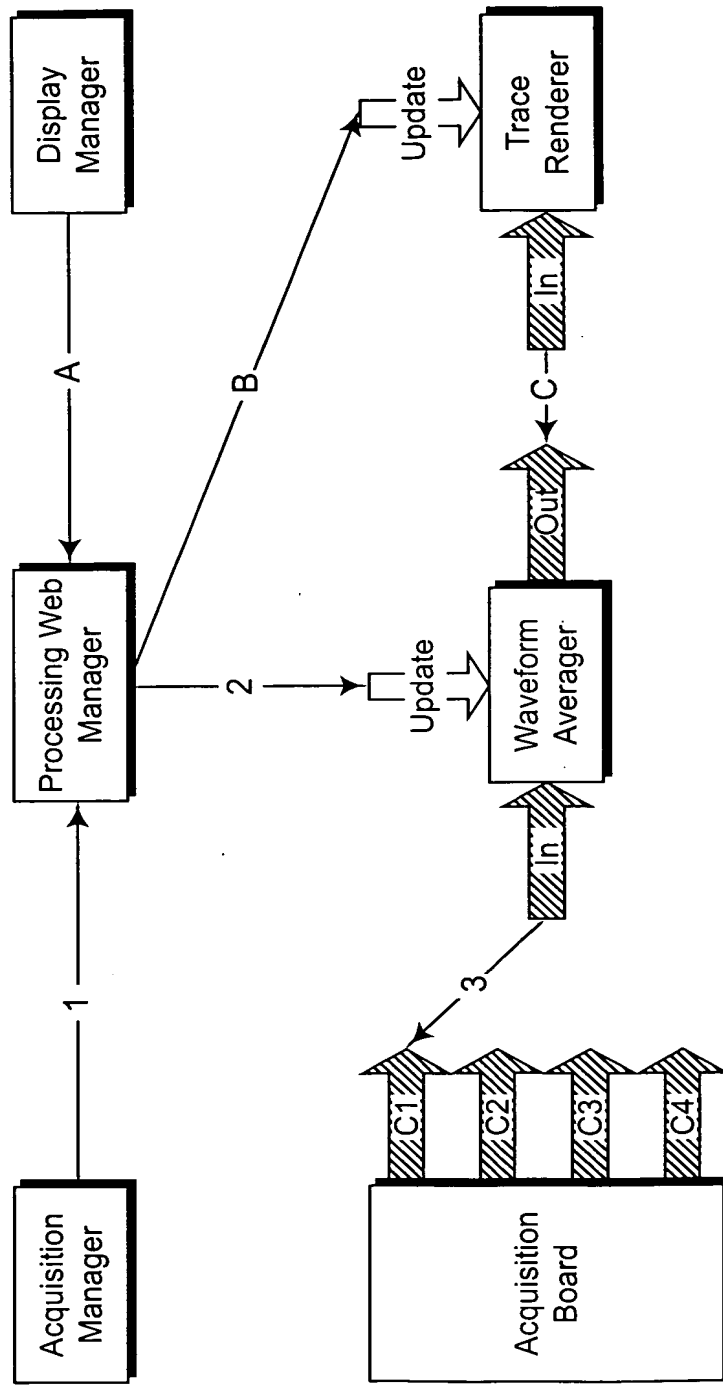


FIG. 6

Note: persistence
in 7200 is a
display object

FIG. 7A

The diagram illustrates a neural network architecture with three main layers of nodes, all enclosed within a large dashed oval boundary.

- Input Layer (710):** Located at the top left, it consists of four nodes labeled C1, C2, C3, and C4, each represented by a circle with diagonal hatching.
- Hidden Layer (720):** Located at the bottom left, it consists of eight nodes labeled M1 through M8, each represented by a circle with diagonal hatching.
- Output Layer (730):** Located at the top right, it consists of four nodes labeled C1, C2, C3, and C4, each represented by a circle with a cross-hatch pattern.
- Intermediate Processing (740):** Located in the center, it shows a sequence of four nodes labeled T1 view, T2 view, T3 view, and T4 view, each represented by a circle with a cross-hatch pattern. These nodes are connected by arrows, indicating a sequential flow.
- Parameter Set (750):** Located at the bottom right, it shows a sequence of nodes, each represented by a circle with a cross-hatch pattern, connected by arrows. A bracket indicates "any number of parameters".

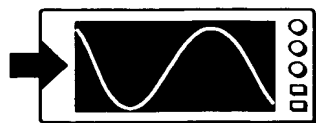
Connections are shown as follows:

- Nodes C1, C2, C3, and C4 in layer 710 are connected to nodes C1, C2, C3, and C4 in layer 730 by straight arrows.
- Nodes C1, C2, C3, and C4 in layer 710 are connected to nodes T1 view, T2 view, T3 view, and T4 view in layer 740 by straight arrows.
- Nodes M1, M2, M3, M4, M5, M6, M7, and M8 in layer 720 are connected to nodes T1 view, T2 view, T3 view, and T4 view in layer 740 by straight arrows.
- Nodes T1 view, T2 view, T3 view, and T4 view in layer 740 are connected to the parameter set in layer 750 by straight arrows.

..



Parameter Result



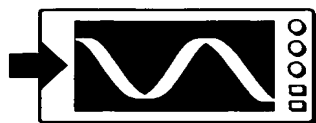
Waveform Result



Histogram Result



XY Result



Persistence Result



Pass/Fail Result

FIG. 8

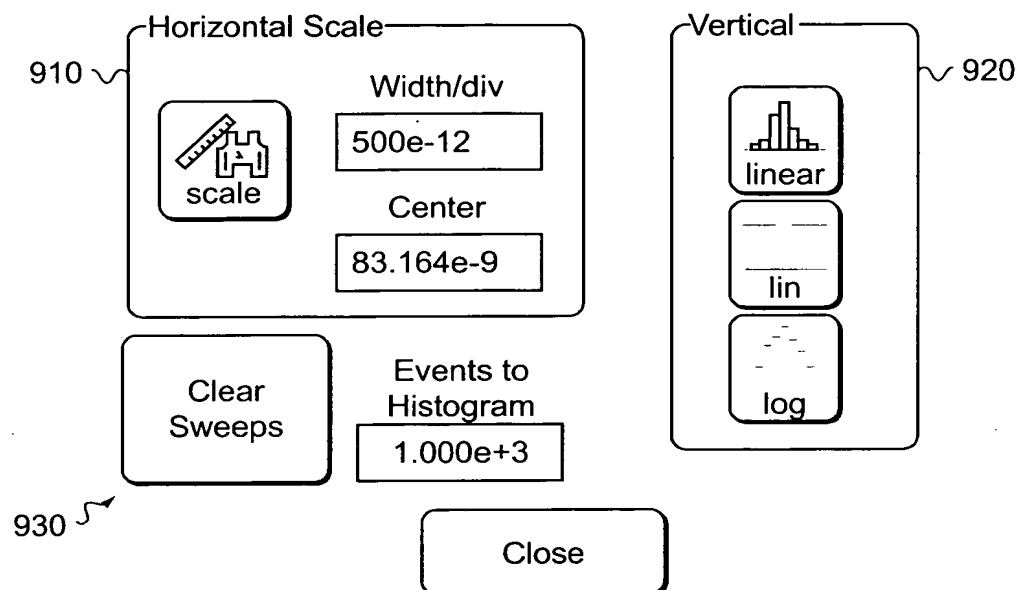


FIG. 9

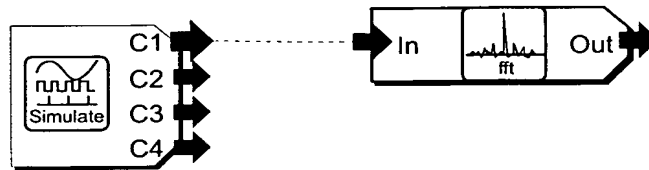


FIG. 10A

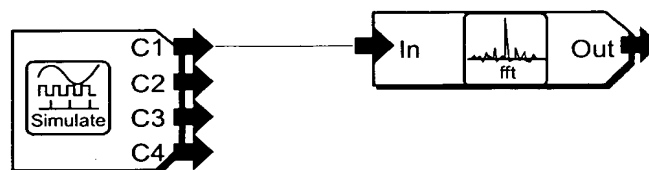


FIG. 10B

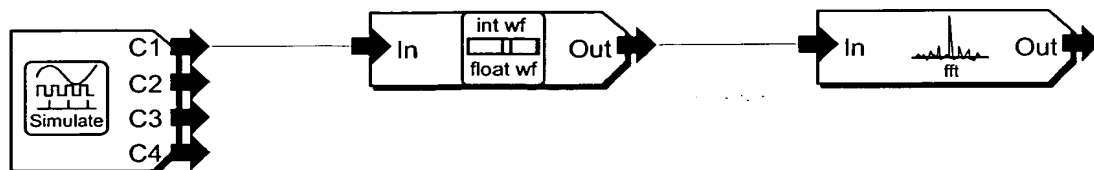


FIG. 10C

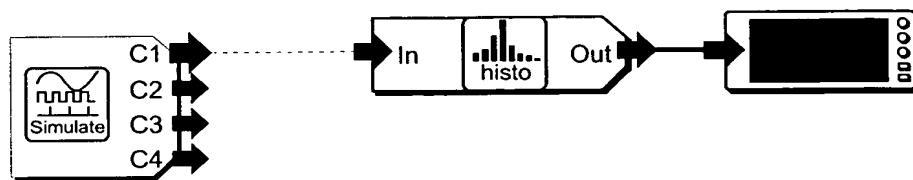


FIG. 11A

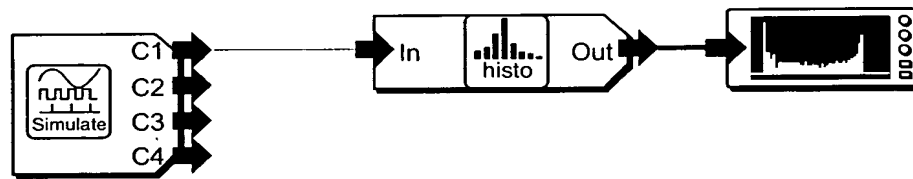


FIG. 11B

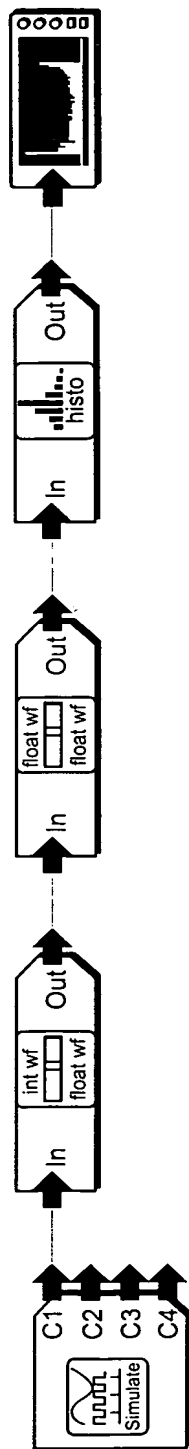


FIG. 11C

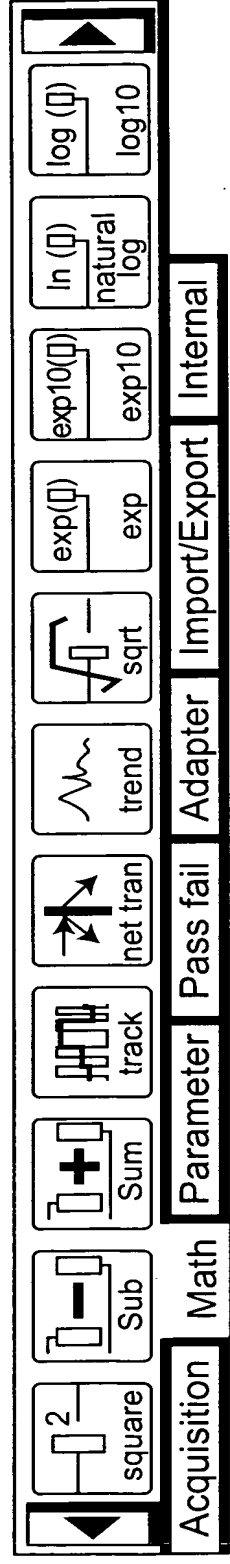


FIG. 12

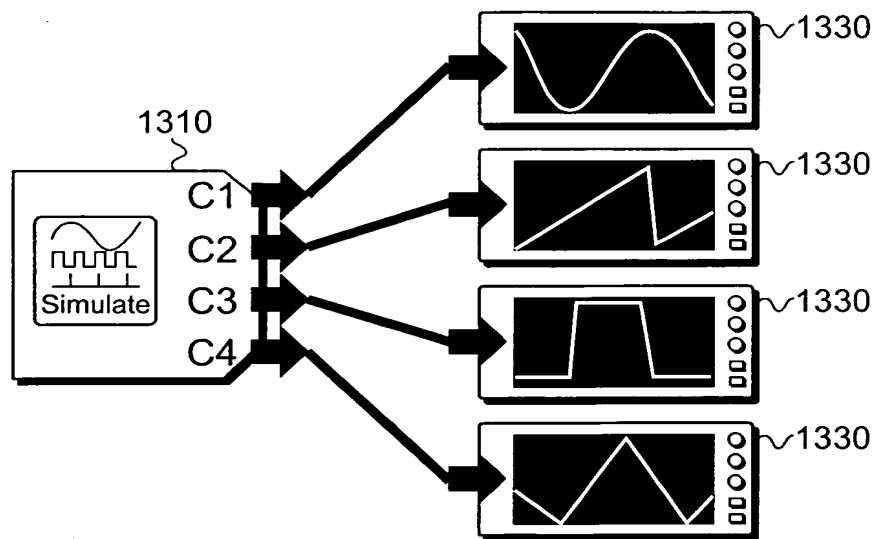


FIG. 13

1. *Journal of the American Medical Association*, 1997; 277: 1033-1037.

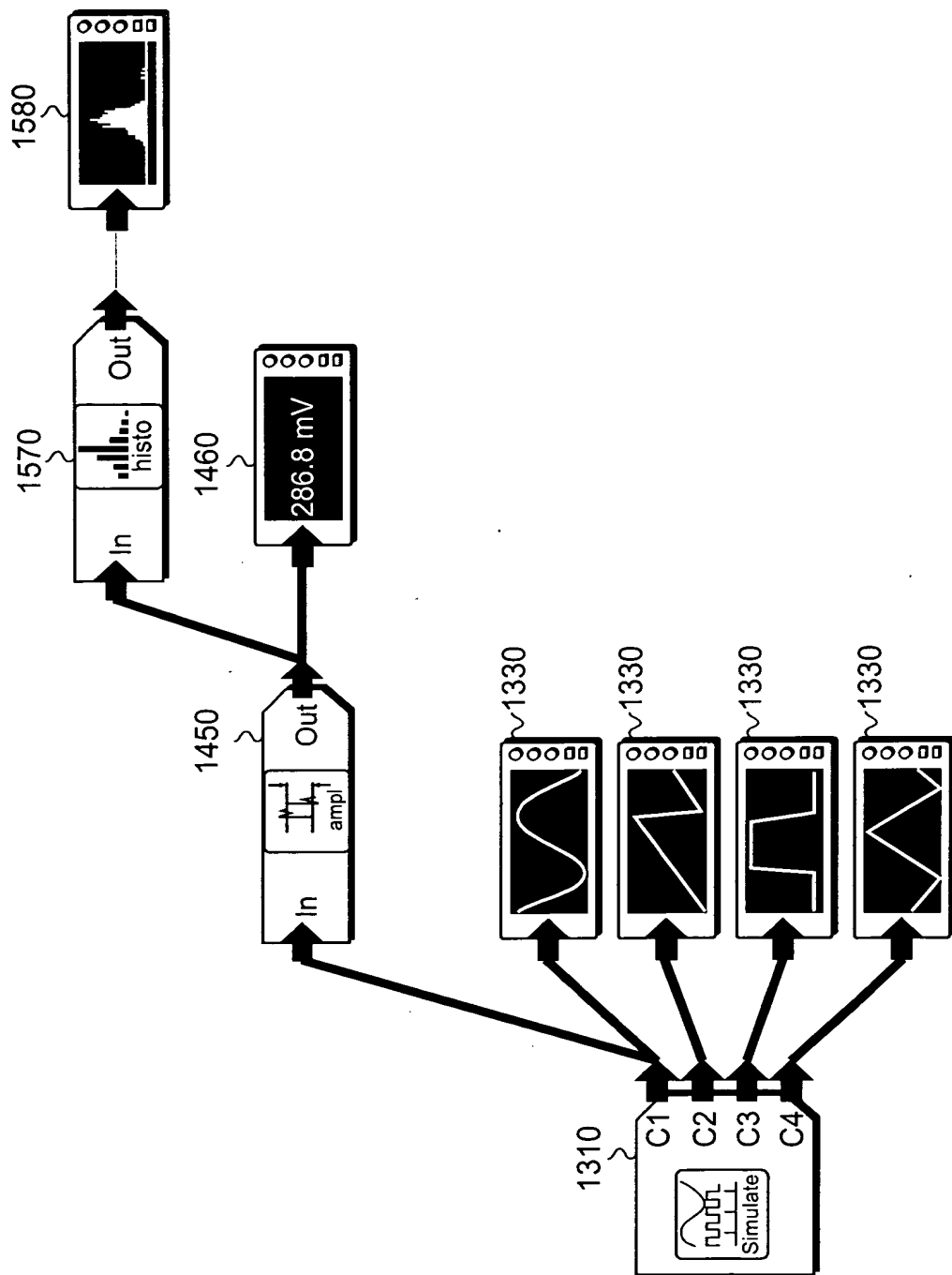


FIG. 15

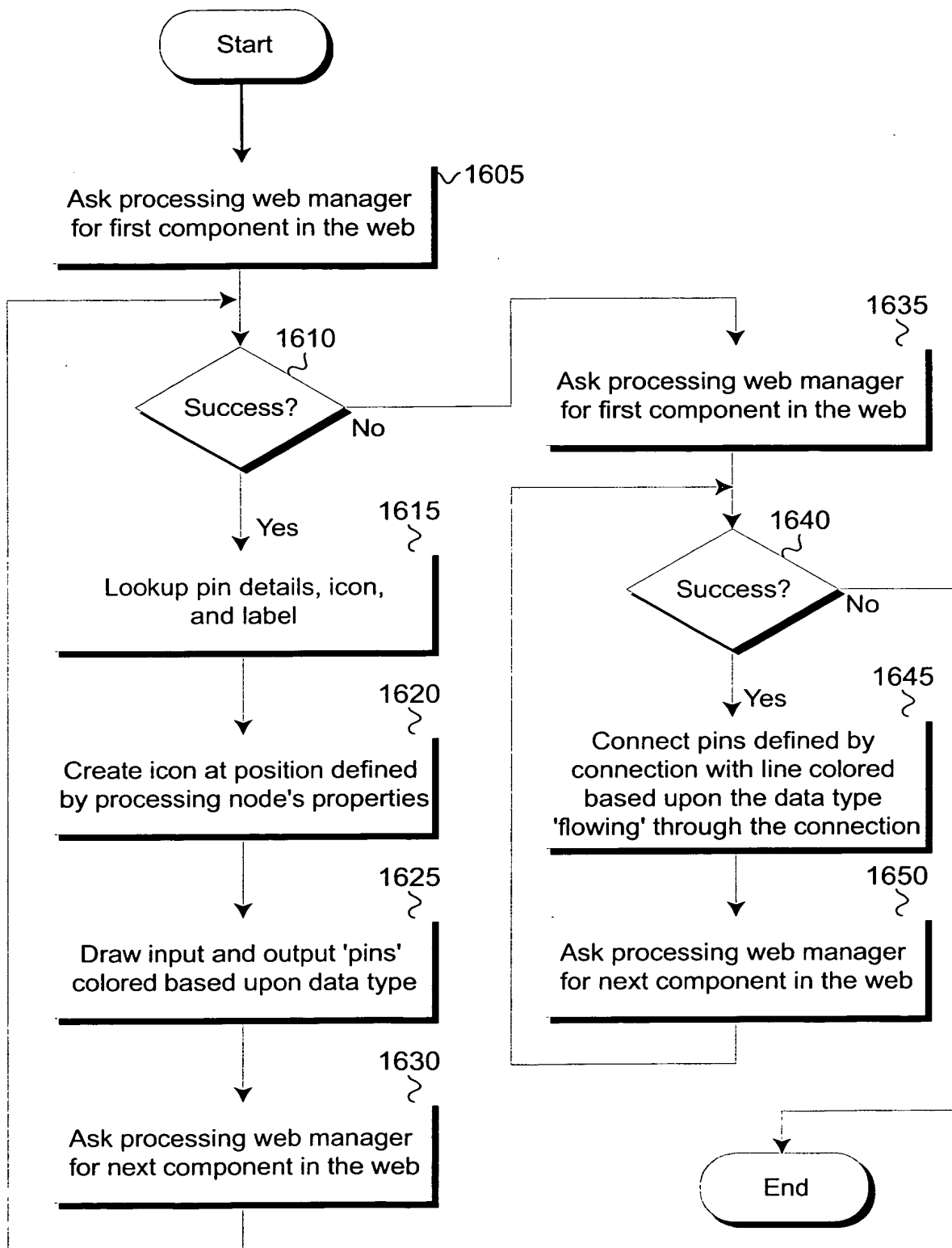


FIG. 16

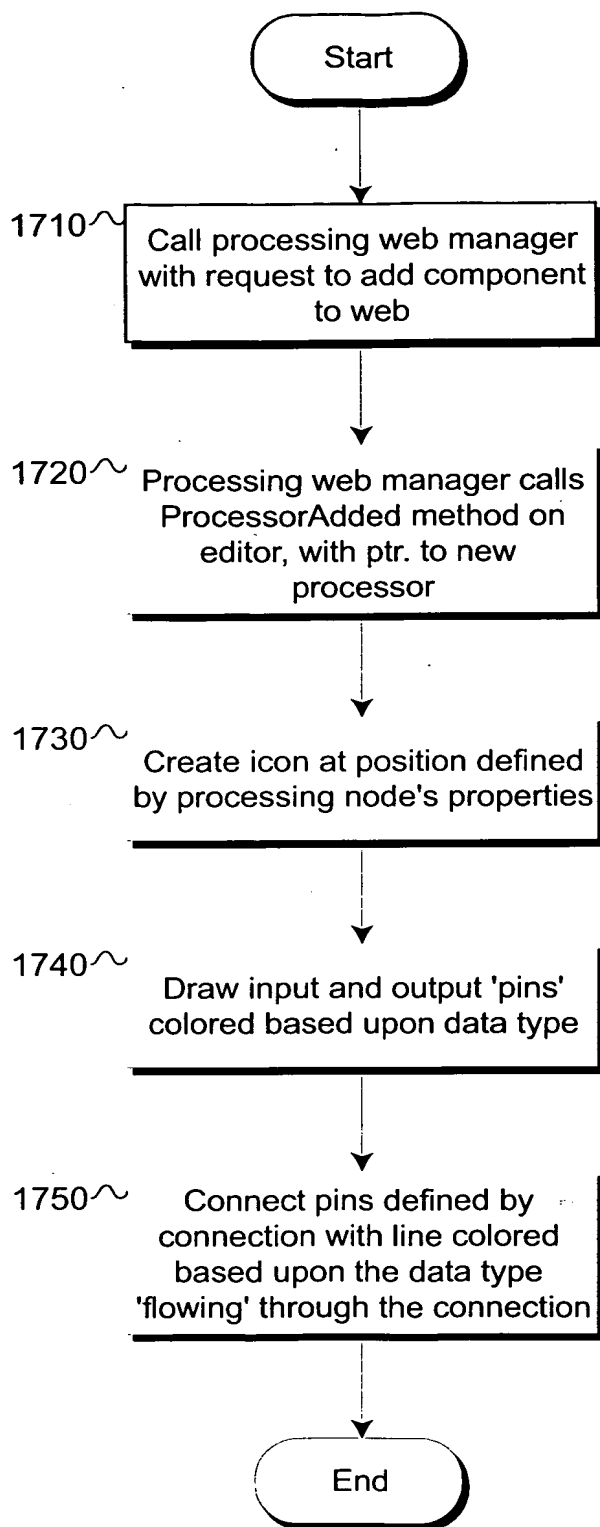


FIG. 17

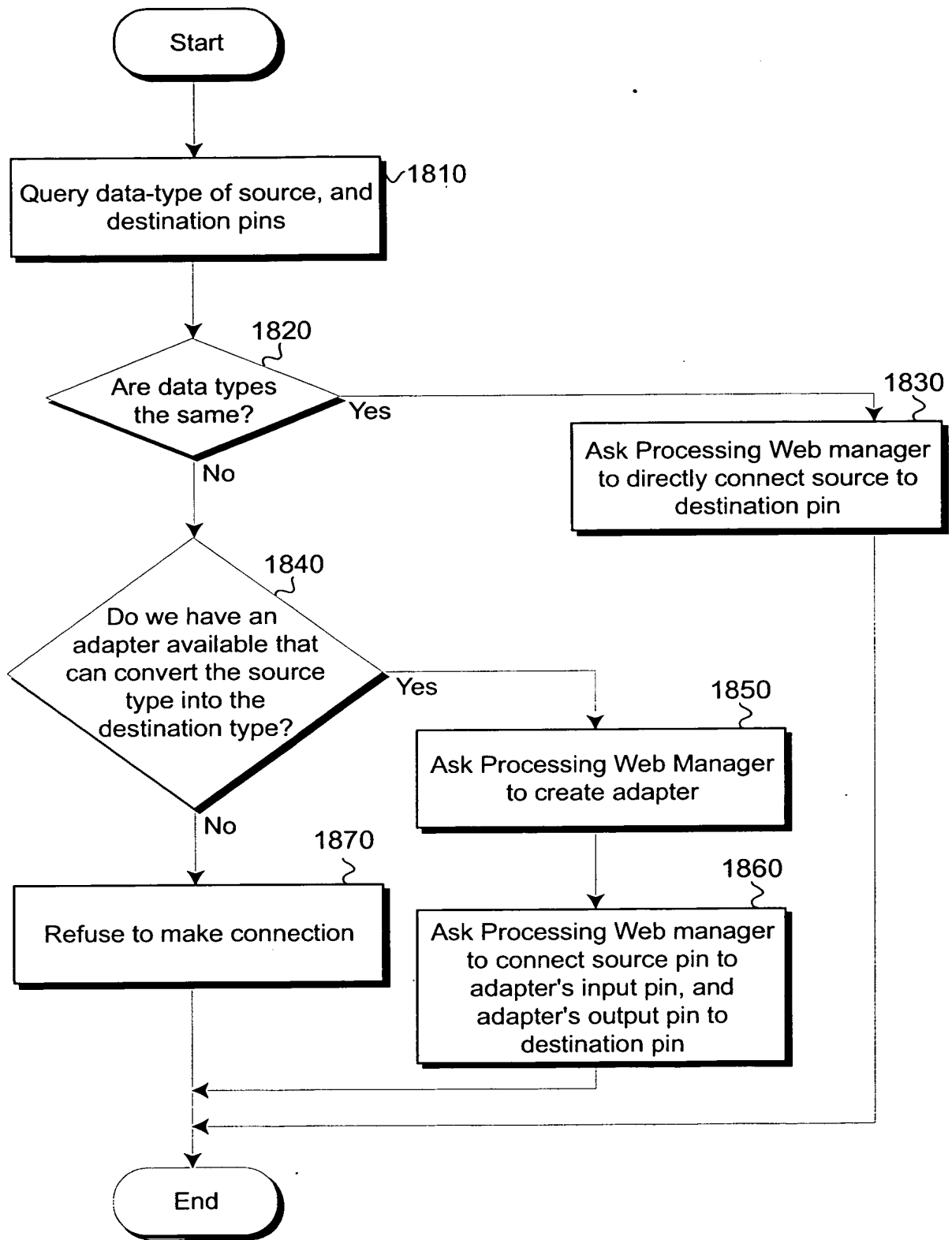


FIG. 18

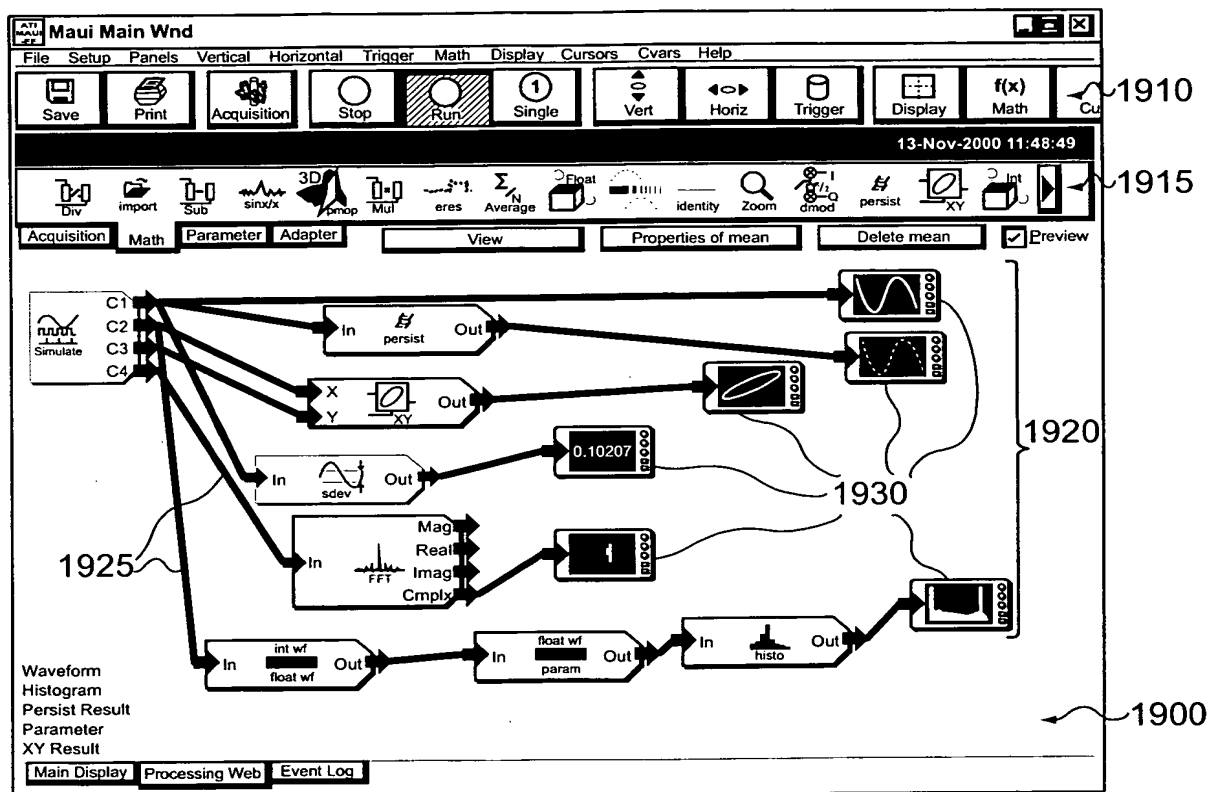


FIG. 20

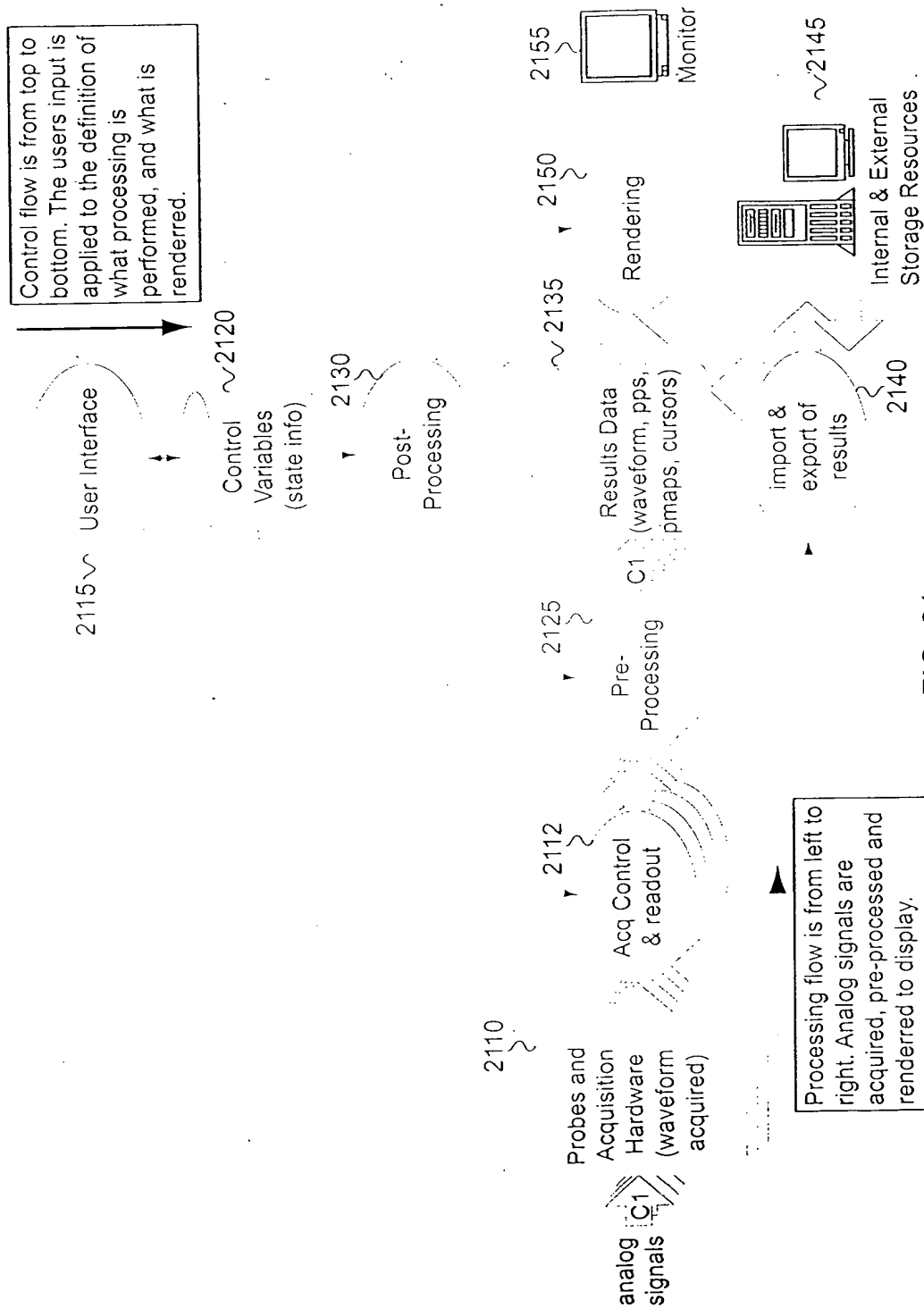


FIG. 21